

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

West Virginia Standards - Career / Vocational - Grade 7

GOAL WV.SCANS.1.5. SCANS: Basic Skills: LISTENING: Listen carefully to what a person says, noting tone of voice and body language; respond in a way that shows understanding of what is said.

Grade 7

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.SCANS.1.6. SCANS: People Skills: SOCIAL: show understanding, friendliness, and respect for feelings of others; assert oneself when appropriate; take an interest in what people say and why they think and act as they do.

Grade 7

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.SCANS.1.9. SCANS: People Skills: TEAMWORK: Contribute to group with ideas and effort; do own share of work; encourage team members; resolve differences for the benefit of the team; responsibly challenge existing procedures, policies, or authorities.

Grade 7

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

West Virginia Standards - Health and PE - Grade 7

GOAL WV.PE.S.5. Physical Education: Responsible Personal and Social Behavior: Students will demonstrate an understanding of responsible personal and social

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

behaviors in physical activity settings.

OBJECTIVE PE.7.5.3. Responsible Personal and Social Behavior: Students will describe ways to build positive personal relationships and positive self-concept.

Grade 7

Success Highways

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

West Virginia Standards - Language Arts - Grade 7

GOAL WV.RLA.S.1. Reading: Students will use skills to read for literacy experiences, read to inform and read to perform a task by identifying and using the dimensions of reading (phonemic awareness, phonics, background knowledge/vocabulary, high frequency words/fluency, comprehension, writing and motivation to read); and employing a wide variety of literature in developing independent readers.

OBJECTIVE RLA.7.1.4. Students will use comprehension strategies (e.g., generalize; evaluate; infer; paraphrase).

Grade 7

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 05 - Highway to Well-being

OBJECTIVE RLA.7.1.10. Students will recognize and understand clipped or shortened words and their meaning (e.g., bio for biography; auto for automobile).

Grade 7

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE RLA.7.1.11. Students will compare/contrast connotation and denotation to understand and enhance meaning of words, sentences and passages.

Grade 7

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE RLA.7.1.12. Students will use resource materials (e.g., dictionary; glossary; thesaurus) to determine the meaning of unknown words or multiple meaning words.

Grade 7

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.RLA.S.2. Writing: Students will employ a wide range of writing strategies to communicate effectively for different purposes by developing the writing process; applying grammatical and mechanical properties in writing; and gathering and using information for research purposes.

OBJECTIVE RLA.7.2.15. Students will recognize copyright laws/issues, ethical acquisition and use of digital information in citing sources for research/report.

Grade 7

Success Highways: Interdisciplinary Connections

OBJECTIVE RLA.7.2.17. Students will demonstrate the ability to use the card catalog in hard copy or database to identify title, author, subject, call number, publisher and copyright resources.

Grade 7

Success Highways: Interdisciplinary Connections

GOAL WV.RLA.S.3. Listening, Speaking and Viewing: Students will apply their use of spoken, written and/or visual language to communicate with a variety of audiences; and for different purposes.

OBJECTIVE RLA.7.3.3. Students will use oral/visual information to foster exploration, questioning and imagining of a topic.

Grade 7

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE RLA.7.3.5. Students will play a variety of roles in group discussions including active listener and discussion leader.

Grade 7

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE RLA.7.3.6. Students will distinguish between private and public information in research and reporting.

Grade 7

Success Highways: Interdisciplinary Connections

West Virginia Standards - Science - Grade 7

GOAL WV.SC.S.1. History and the Nature of Science: Students will demonstrate an understanding of the history of science and the evolvement of scientific knowledge; demonstrate an understanding of science as a human endeavor encompassing the contributions of diverse cultures and scientists; and demonstrate an understanding of the nature of science.

OBJECTIVE SC.7.1.3. Students will examine the role of skepticism, careful methods, logical reasoning and creativity in investigating the observable universe.

Grade 7

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.7.1.4. Students will examine the careers and contributions of men and women of diverse cultures to the development of science.

Grade 7

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.2. Science as Inquiry: Students will demonstrate the abilities necessary to do scientific inquiry; demonstrate understanding about scientific inquiry; and demonstrate the ability to think and act as scientists by engaging in active inquiries, investigations and hands-on activities a minimum of 50% of the instructional time.

OBJECTIVE SC.7.2.1. Students will cooperate and collaborate to ask questions, find answers, solve problems, and conduct investigations to further an appreciation of scientific discovery.

Grade 7

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.7.2.5. Students will utilize experimentation to demonstrate scientific processes and thinking skills (e.g., formulating questions, predicting, forming hypotheses, quantifying, identifying dependent and independent variables).

Grade 7

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.7.2.6. Students will construct and use charts, graphs and tables to organize, display, interpret, analyze and explain data.

Grade 7

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.7.2.7. Students will use appropriate technology solutions to gather data; graph data; interpret data; and analyze information.

Grade 7

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.5. Scientific Design and Application: Students will demonstrate an understanding of the interdependence between science and technology; demonstrate the ability to distinguish between natural and man-made objects; demonstrate abilities of technological design; and demonstrate the ability to utilize technology to gather data and communicate designs, results and conclusions.

OBJECTIVE SC.7.5.2. Students will test and evaluate different types of materials and-or design approaches in building objects or completing tasks.

Grade 7

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.6. Science in Personal and Social Perspectives: Students will demonstrate the ability to evaluate personal and societal benefits when examining health, population, resource and environmental issues; demonstrate the ability to evaluate the impact of different points of view on health, population, resource and environmental practices; predict the long-term societal impact of specific health, population, resource and environmental practices; and demonstrate an understanding of public policy decisions as related to health, population, resource and environmental issues.

OBJECTIVE SC.7.6.4. Students will explore the connections between science, technology, society and career opportunities.

Grade 7

Success Highways: Interdisciplinary Connections

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

West Virginia Standards - Social Studies - **Grade 7**

GOAL WV.SS.S.5. World Geography: History: Students will examine, analyze and explain historical relationships using chronology to sequence and organize events and people in history (Chronology); use the processes and resources of historical inquiry to gather, examine, compare, analyze and interpret historical data (Skills and Application); examine, analyze and synthesize historical knowledge of major events, individuals, cultures and the humanities in West Virginia, the United States and the world (Culture and Humanities); use historical knowledge to analyze local, state, national and global interdependence (Interpretation and Evaluation); and examine political institutions and theories that have developed and changed over time (Political Institutions).

OBJECTIVE SS.7.5.9. Students will use a variety of credible sources to construct and interpret the past.

Grade 7

Success Highways: Interdisciplinary Connections

West Virginia Standards - Career / Vocational - **Grade 8**

GOAL WV.SCANS.1.5. SCANS: Basic Skills: LISTENING: Listen carefully to what a person says, noting tone of voice and body language; respond in a way that shows understanding of what is said.

Grade 8

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.SCANS.1.6. SCANS: People Skills: SOCIAL: show understanding, friendliness, and respect for feelings of others; assert oneself when appropriate; take an interest in what people say and why they think and act as they do.

Grade 8

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

GOAL WV.SCANS.1.9. SCANS: People Skills: TEAMWORK: Contribute to group with ideas and effort; do own share of work; encourage team members; resolve differences for the benefit of the team; responsibly challenge existing procedures, policies, or authorities.

Grade 8

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

West Virginia Standards - Language Arts - Grade 8

GOAL WV.RLA.S.1. Reading: Students will use skills to read for literacy experiences, read to inform and read to perform a task by identifying and using the dimensions of reading (phonemic awareness, phonics, background knowledge/vocabulary, high frequency words/fluency, comprehension, writing and motivation to read); and employing a wide variety of literature in developing independent readers.

OBJECTIVE RLA.8.1.3. Students will use comprehension strategies (e.g., make judgments; hypothesize; critique; analyze).

Grade 8

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 05 - Highway to Well-being

OBJECTIVE RLA.8.1.10. Students will use resource materials (e.g., dictionary; glossary; thesaurus) to determine the meaning of unknown words or multiple meaning words.

Grade 8

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.RLA.S.2. Writing: Students will employ a wide range of writing strategies to communicate effectively for different purposes by developing the writing process; applying grammatical and mechanical properties in writing; and gathering and using information for research purposes.

OBJECTIVE RLA.8.2.10. Students will conduct research using parts of a book to gather, evaluate and

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

synthesize data from a variety of sources (e.g., print; non-print; people).

Grade 8

Success Highways: Interdisciplinary Connections

- OBJECTIVE** RLA.8.2.12. Students will independently resolve information conflicts and validate information through assessing, researching and comparing data.
- Grade 8**
Success Highways: Interdisciplinary Connections
- OBJECTIVE** RLA.8.2.14. Students will apply use of card catalog and/or computer databases to identify title, author, subject, call number, publisher and copyright resources to gather information for a presentation.
- Grade 8**
Success Highways: Interdisciplinary Connections
- GOAL** WV.RLA.S.3. Listening, Speaking and Viewing: Students will apply their use of spoken, written and/or visual language to communicate with a variety of audiences; and for different purposes.
- OBJECTIVE** RLA.8.3.3. Students will think critically about oral/visual information presented; relate personal experiences and apply the information to global situations.
- Grade 8**
Success Highways
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary
- OBJECTIVE** RLA.8.3.5. Students will play a variety of roles in group discussions including active listener, discussion leader and/or facilitator.
- Grade 8**
Success Highways
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE RLA.8.3.6. Students will properly use private and public information.
Grade 8
Success Highways: Interdisciplinary Connections

West Virginia Standards - Mathematics - Grade 8

GOAL WV.MA.S.5. Data Analysis and Probability: Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; select and use appropriate statistical methods to analyze data; develop and evaluate inferences and predictions that are based on models; and apply and demonstrate an understanding of basic concepts of probability through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE MA.8.5.5. Students will draw inferences and construct convincing arguments, including misuses of statistical or numeric information, based on data analysis.
Grade 8
Success Highways: Interdisciplinary Connections

West Virginia Standards - Science - Grade 8

GOAL WV.SC.S.1. History and the Nature of Science: Students will demonstrate an understanding of the history of science and the evolvement of scientific knowledge; demonstrate an understanding of science as a human endeavor encompassing the contributions of diverse cultures and scientists; and demonstrate an understanding of the nature of science.

OBJECTIVE SC.8.1.3. Students will apply skepticism, careful methods, logical reasoning and creativity in investigating the observable universe.
Grade 8
Success Highways: Interdisciplinary Connections

OBJECTIVE SC.8.1.4. Students will examine the careers and contributions of men and women of diverse cultures to the development of science.
Grade 8
Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.2. Science as Inquiry: Students will demonstrate the abilities necessary to do scientific inquiry; demonstrate understanding about scientific inquiry; and demonstrate the ability to think and act as scientists by engaging in active inquiries, investigations and hands-on activities a minimum of 50% of the instructional time.

OBJECTIVE SC.8.2.1. Students will cooperate and collaborate to ask questions, find answers, solve problems, and conduct investigations to further an appreciation of scientific discovery.
Grade 8
Success Highways: Interdisciplinary Connections

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE SC.8.2.5. Students will utilize experimentation to demonstrate scientific processes and thinking skills (e.g., formulating questions, predicting, forming hypotheses, quantifying, identifying dependent and independent variables).

Grade 8

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.8.2.6. Students will construct and use charts, graphs and tables to organize, display, interpret, analyze and explain data.

Grade 8

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.8.2.7. Students will use appropriate technology solutions to gather, graph and interpret data and analyze information.

Grade 8

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.4. Science Subject Matter-Concepts: Students will demonstrate knowledge, understanding and applications of scientific facts, concepts, principles, theories and models as delineated in the objectives; demonstrate an understanding of the interrelationships among physics, chemistry, biology and the earth and space sciences; and apply knowledge, understanding and skills of science subject matter-concepts to daily life experiences.

OBJECTIVE SC.8.4.10. Populations and Ecosystems: Students will trace matter and energy flow in a food web as it goes from sunlight to producers to consumers, design an environment in which the chemical and energy needs for the growth, reproduction and development of plants are met (e.g., food pyramids, decomposition).

Grade 8

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.6. Science in Personal and Social Perspectives: Students will demonstrate the ability to evaluate personal and societal benefits when examining health, population, resource and environmental issues; demonstrate the ability to evaluate the impact of different points of view on health, population, resource and environmental practices; predict the long-term societal impact of specific health, population, resource and environmental practices; and demonstrate an understanding of public policy decisions as related to health, population, resource and environmental issues.

OBJECTIVE SC.8.6.4. Students will explore the connections between science, technology, society and career opportunities.

Grade 8

Success Highways: Interdisciplinary Connections

West Virginia Standards - Career / Vocational - Grade 9

GOAL WV.SCANS.1.5. SCANS: Basic Skills: LISTENING: Listen carefully to what a person says, noting tone of voice and body language; respond in a way that shows understanding of what is said.

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.SCANS.1.6. SCANS: People Skills: SOCIAL: show understanding, friendliness, and respect for feelings of others; assert oneself when appropriate; take an interest in what people say and why they think and act as they do.

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.SCANS.1.9. SCANS: People Skills: TEAMWORK: Contribute to group with ideas and effort; do own share of work; encourage team members; resolve differences for the benefit of the team; responsibly challenge existing procedures, policies, or authorities.

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

West Virginia Standards - Health and PE - Grade 9

GOAL WV.HE.S.3. Health Education: Health Behaviors: Students will demonstrate the ability to

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

practice health-enhancing behaviors and reduce health risks.

OBJECTIVE HE.HS.3.6. Health Behaviors: Students will identify ways to develop good character and improve self-esteem.

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.HE.S.5. Health Education: Communication: Students will demonstrate the ability to use interpersonal communication skills to enhance health.

OBJECTIVE HE.HS.5.2. Communication: Students will exhibit healthy ways to express feelings, needs and desires in different situations (e.g., good sportsmanship, ending relationships, death and dying, stages of grief).

Grade 9

Success Highways

Success Highways: Unit 03 - Highway Connections

GOAL WV.HE.S.6. Health Education: Goal Setting and Decision Making: Students will demonstrate the ability to use goal-setting and decision-making skills to enhance health.

OBJECTIVE HE.HS.6.1. Goal Setting and Decision Making: Students will apply a decision-making process to set goals for various life situations (e.g., food choices, weight control, relationships, health care providers, making purchases, education and career options).

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE HE.HS.6.3. Goal Setting and Decision Making: Students will analyze the effects of potentially harmful decisions that impact health and the effect these decisions have on their family, community and self (ATOD use, STD transmission, pregnancy prevention, teen parenting).

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

West Virginia Standards - Language Arts - Grade 9

GOAL WV.RLA.S.1. Reading: Students will use skills to read for literacy experiences, read to inform and read to perform a task by identifying and using the dimensions of reading (phonemic awareness, phonics, background knowledge/vocabulary, high frequency words/fluency, comprehension, writing and motivation to read); and employing a wide variety of literature in developing independent readers.

OBJECTIVE RLA.9.1.6. Students will expand the use of various strategies to establish word meanings (e.g., context clues; affixes; multiple meanings).

Grade 9

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.RLA.S.2. Writing: Students will employ a wide range of writing strategies to communicate effectively for different purposes by developing the writing process; applying grammatical and mechanical properties in writing; and gathering and using information for research purposes.

OBJECTIVE RLA.9.2.1. Students will address specific purposes (e.g., narrative; expository; descriptive; persuasive) by employing writing strategies.

Grade 9

Success Highways: Interdisciplinary Connections

OBJECTIVE RLA.9.2.23. Students will form supportable predictions, opinions, inferences and conclusions based upon text.

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Grade 9

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 05 - Highway to Well-being

OBJECTIVE RLA.9.2.24. Students will expand vocabulary through various literary works.

Grade 9

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE RLA.9.2.25. Students will identify word etymologies to determine meaning.

Grade 9

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.RLA.S.3. Listening, Speaking and Viewing: Students will apply their use of spoken, written and/or visual language to communicate with a variety of audiences; and for different purposes.

OBJECTIVE RLA.9.3.3. Students will review listening behaviors prior to a school wide audience activity (e.g., staying alert; resisting distractions; identifying and adapting to the speaker's purpose).

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE RLA.9.3.4. Students will listen to identify the purpose, make predictions, distinguish fact

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

from opinion and construct meaning from discussion, speech or media.

Grade 9

Success Highways

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

West Virginia Standards - Mathematics - Grade 9

GOAL WV.MA.S.5. Algebra/Geometry Preparation: Data Analysis and Probability: Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; select and use appropriate statistical methods to analyze data; develop and evaluate inferences and predictions that are based on models; and apply and demonstrate an understanding of basic concepts of probability through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE AGP.5.1. Students will read, interpret, and construct graphs to solve problems.

Grade 9

Success Highways: Interdisciplinary Connections

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE AGP.5.2. Students will use data to determine mean, median, mode, and range.

Grade 9

Success Highways: Interdisciplinary Connections

Success Highways: Unit 01 - Destination Success

GOAL WV.MA.S.2. Algebra I: Students will demonstrate understanding of patterns, relations, and functions; represent and analyze mathematical situations and structures using algebraic symbols; use mathematical models to represent and understand quantitative relationships; and analyze change in various contexts through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE AI.2.18. Students will collect, organize, interpret data and predict outcomes using the mean, mode, median, range and standard deviation.

Grade 9

Success Highways: Interdisciplinary Connections

Success Highways: Unit 01 - Destination Success

GOAL WV.MA.S.5. Conceptual Mathematics: Data Analysis and Probability: Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; select and use appropriate statistical methods to analyze data; develop and evaluate inferences and predictions that are based on models; and apply and demonstrate an understanding of basic concepts of probability through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE CM.5.5. Students will create and interpret data using various methods of displaying numerical data, including frequency distributions, graphs, histograms, stem-and-leaf plots, and box-and-whiskers plots, using technology when appropriate.

Grade 9

Success Highways: Interdisciplinary Connections

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.MA.S.5. Probability and Statistics: Data Analysis and Probability: Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; select and use appropriate statistical methods to analyze data; develop and evaluate inferences and predictions that are based on models; and apply and demonstrate an understanding of basic concepts of probability through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE PS.5.2. Students will create and interpret data using various methods of displaying circle graphs, histograms, and frequency curves, and make predictions about outliers.

Grade 9

Success Highways: Interdisciplinary Connections

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways
Itinerary

OBJECTIVE PS.5.6. Students will interpret and calculate measures of central tendency (mean, median, and mode) from data presented in a variety of forms such as charts, tables, and graphs or from data created through experimentation.
Grade 9
Success Highways: Interdisciplinary Connections
Success Highways: Unit 01 - Destination Success

West Virginia Standards - Science - Grade 9

GOAL WV.SC.S.1. History and the Nature of Science: Students will demonstrate an understanding of the history of science and the evolution of scientific knowledge; demonstrate an understanding of science as a human endeavor encompassing the contributions of diverse cultures and scientists; and demonstrate an understanding of the nature of science.

OBJECTIVE SC.9.1.4. Students will conclude that science is a blend of creativity, logic and mathematics.
Grade 9
Success Highways: Interdisciplinary Connections

OBJECTIVE SC.9.1.5. Students will trace the development of key historical concepts and principles describing their impact on modern thought and life by identifying the scientist's contributions.
Grade 9
Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.2. Science as Inquiry: Students will demonstrate the abilities necessary to do scientific inquiry; demonstrate understanding about scientific inquiry; and demonstrate the ability to think and act as scientists by engaging in active inquiries, investigations and hands-on activities a minimum of 50% of the instructional time.

OBJECTIVE SC.9.2.3. Students will apply scientific approaches to seek solutions for personal and societal issues.
Grade 9
Success Highways: Interdisciplinary Connections

OBJECTIVE SC.9.2.5. Students will conduct explorations in a variety of environments (e.g., laboratories, museums, libraries, parks and other outdoors locations).
Grade 9
Success Highways: Interdisciplinary Connections

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE SC.9.2.6. Students will use appropriate technology solutions (e.g., computer, CBL, probe interfaces, software) to measure and collect data; interpret data; analyze and-or report data; interact with simulations; conduct research; and to present and communicate conclusions.

Grade 9

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.9.2.7. Students will demonstrate science processes within a problem solving setting (e.g., observing, measuring, calculating, communicating, comparing, ordering, categorizing, classifying, relating, hypothesizing, predicting, inferring, considering alternatives and applying).

Grade 9

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.5. Scientific Design and Application: Students will demonstrate an understanding of the interdependence between science and technology; demonstrate the ability to distinguish between natural and man-made objects; demonstrate abilities of technological design; and demonstrate the ability to utilize technology to gather data and communicate designs, results and conclusions.

OBJECTIVE SC.9.5.3. Students will apply scientific skills and technological tools to design a solution that addresses a personal or societal need.

Grade 9

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.6. Science in Personal and Social Perspectives: Students will demonstrate the ability to evaluate personal and societal benefits when examining health, population, resource and environmental issues; demonstrate the ability to evaluate the impact of different points of view on health, population, resource and environmental practices; predict the long-term societal impact of specific health, population, resource and environmental practices; and demonstrate an understanding of public policy decisions as related to health, population, resource and environmental issues.

OBJECTIVE SC.9.6.4. Students will explore occupational opportunities in science and technology including the academic preparation necessary.

Grade 9

Success Highways: Interdisciplinary Connections

West Virginia Standards - Career / Vocational - Grade 10

GOAL WV.SCANS.1.5. SCANS: Basic Skills: LISTENING: Listen carefully to what a person says, noting tone of voice and body language; respond in a way that shows understanding of what is said.

Grade 10

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Success Highways
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.SCANS.1.6. SCANS: People Skills: SOCIAL: show understanding, friendliness, and respect for feelings of others; assert oneself when appropriate; take an interest in what people say and why they think and act as they do.

Grade 10

Success Highways
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.SCANS.1.9. SCANS: People Skills: TEAMWORK: Contribute to group with ideas and effort; do own share of work; encourage team members; resolve differences for the benefit of the team; responsibly challenge existing procedures, policies, or authorities.

Grade 10

Success Highways
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

West Virginia Standards - Health and PE - Grade 10

GOAL WV.HE.S.3. Health Education: Health Behaviors: Students will demonstrate the ability to practice health-enhancing behaviors and reduce health risks.

OBJECTIVE HE.HS.3.1. Health Behaviors: Students will complete a personal health assessment and detail behavioral changes and strategies to enhance health and reduce risk.

Grade 10

Success Highways

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE HE.HS.3.3. Health Behaviors: Students will list examples and explain short and long term impacts of health decisions (e.g., smoking, good diet, wearing seat belts) on the individual, family and community (e.g., lung cancer, heart disease, STDs).

Grade 10

Success Highways
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE HE.HS.3.6. Health Behaviors: Students will identify ways to develop good character and improve self-esteem.

Grade 10

Success Highways
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.HE.S.5. Health Education: Communication: Students will demonstrate the ability to use interpersonal communication skills to enhance health.

OBJECTIVE HE.HS.5.2. Communication: Students will exhibit healthy ways to express feelings, needs and desires in different situations (e.g., good sportsmanship, ending relationships, death and dying, stages of grief).

Grade 10

Success Highways
Success Highways: Unit 03 - Highway Connections

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

GOAL	WV.HE.S.6.	Health Education: Goal Setting and Decision Making: Students will demonstrate the ability to use goal-setting and decision-making skills to enhance health.
OBJECTIVE	HE.HS.6.1.	<p>Goal Setting and Decision Making: Students will apply a decision-making process to set goals for various life situations (e.g., food choices, weight control, relationships, health care providers, making purchases, education and career options).</p> <p>Grade 10 Success Highways Success Highways: Unit 01 - Destination Success Success Highways: Unit 02 - Highway to Confidence Success Highways: Unit 03 - Highway Connections Success Highways: Unit 04 - Highway Roadblocks - Managing Stress Success Highways: Unit 05 - Highway to Well-being Success Highways: Unit 06 - Highway to Motivation Success Highways: Unit 07 - Creating a Success Highways Itinerary</p>
OBJECTIVE	HE.HS.6.2.	<p>Goal Setting and Decision Making: Students will identify and discuss health concerns that require collaborative decision-making (e.g., sexuality, STD transmission/prevention, refusal skills).</p> <p>Grade 10 Success Highways Success Highways: Unit 01 - Destination Success Success Highways: Unit 02 - Highway to Confidence Success Highways: Unit 03 - Highway Connections Success Highways: Unit 04 - Highway Roadblocks - Managing Stress Success Highways: Unit 05 - Highway to Well-being Success Highways: Unit 06 - Highway to Motivation Success Highways: Unit 07 - Creating a Success Highways Itinerary</p>
OBJECTIVE	HE.HS.6.3.	<p>Goal Setting and Decision Making: Students will analyze the effects of potentially harmful decisions that impact health and the effect these decisions have on their family, community and self (ATOD use, STD transmission, pregnancy prevention, teen parenting).</p> <p>Grade 10 Success Highways Success Highways: Unit 01 - Destination Success Success Highways: Unit 02 - Highway to Confidence Success Highways: Unit 03 - Highway Connections Success Highways: Unit 04 - Highway Roadblocks - Managing Stress Success Highways: Unit 05 - Highway to Well-being Success Highways: Unit 06 - Highway to Motivation Success Highways: Unit 07 - Creating a Success Highways Itinerary</p>

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

West Virginia Standards - Language Arts - Grade 10

GOAL WV.RLA.S.1. Reading: Students will use skills to read for literacy experiences, read to inform and read to perform a task by identifying and using the dimensions of reading (phonemic awareness, phonics, background knowledge/vocabulary, high frequency words/fluency, comprehension, writing and motivation to read); and employing a wide variety of literature in developing independent readers.

OBJECTIVE RLA.10.1.5. Students will continue to use context clues to establish word meaning (e.g., including words with multiple meanings).

Grade 10

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE RLA.10.1.7. Students will form supportable predictions, opinions, inferences and conclusions based upon a text and/or implicit ideas.

Grade 10

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 05 - Highway to Well-being

OBJECTIVE RLA.10.1.10. Students will expand vocabulary through classic literature.

Grade 10

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE RLA.10.1.11. Students will explain word etymologies to determine meaning.

Grade 10

Success Highways: Unit 01 - Destination Success

Success Highways: Unit 02 - Highway to Confidence

Success Highways: Unit 03 - Highway Connections

Success Highways: Unit 04 - Highway Roadblocks - Managing Stress

Success Highways: Unit 05 - Highway to Well-being

Success Highways: Unit 06 - Highway to Motivation

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Success Highways: Unit 07 - Creating a Success Highways Itinerary

- GOAL** WV.RLA.S.2. Writing: Students will employ a wide range of writing strategies to communicate effectively for different purposes by developing the writing process; applying grammatical and mechanical properties in writing; and gathering and using information for research purposes.
- OBJECTIVE** RLA.10.2.1. Students will employ writing strategies to address specific audiences (e.g., narrative; expository; descriptive; persuasive).
Grade 10
Success Highways: Interdisciplinary Connections
- OBJECTIVE** RLA.10.2.10. Students will access and evaluate a variety of sources (e.g., Reader's Guide; card catalog; electronic media; newspapers).
Grade 10
Success Highways: Interdisciplinary Connections
- OBJECTIVE** RLA.10.2.11. Students will extend note-taking skills to process and organize information (e.g., paraphrase; summary; quote).
Grade 10
Success Highways: Interdisciplinary Connections
- OBJECTIVE** RLA.10.2.15. Students will explain word etymologies to determine meaning.
Grade 10
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary
- GOAL** WV.RLA.S.3. Listening, Speaking and Viewing: Students will apply their use of spoken, written and/or visual language to communicate with a variety of audiences; and for different purposes.
- OBJECTIVE** RLA.10.3.5. Students will practice and master listening, speaking and viewing by using a variety of techniques (e.g., videos, power point presentations; audiotape; web pages).
Grade 10
Success Highways
Success Highways: Unit 01 - Destination Success

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

West Virginia Standards - Mathematics - Grade 10

GOAL WV.MA.S.5. Algebra/Geometry Preparation: Data Analysis and Probability: Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; select and use appropriate statistical methods to analyze data; develop and evaluate inferences and predictions that are based on models; and apply and demonstrate an understanding of basic concepts of probability through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE AGP.5.1. Students will read, interpret, and construct graphs to solve problems.

Grade 10

Success Highways: Interdisciplinary Connections
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

OBJECTIVE AGP.5.2. Students will use data to determine mean, median, mode, and range.

Grade 10

Success Highways: Interdisciplinary Connections
Success Highways: Unit 01 - Destination Success

GOAL WV.MA.S.2. Algebra I: Students will demonstrate understanding of patterns, relations, and functions; represent and analyze mathematical situations and structures using algebraic symbols; use mathematical models to represent and understand quantitative relationships; and analyze change in various contexts through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE AI.2.18. Students will collect, organize, interpret data and predict outcomes using the mean, mode, median, range and standard deviation.

Grade 10

Success Highways: Interdisciplinary Connections

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

Success Highways: Unit 01 - Destination Success

GOAL WV.MA.S.5. Conceptual Mathematics: Data Analysis and Probability: Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; select and use appropriate statistical methods to analyze data; develop and evaluate inferences and predictions that are based on models; and apply and demonstrate an understanding of basic concepts of probability through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE CM.5.5. Students will create and interpret data using various methods of displaying numerical data, including frequency distributions, graphs, histograms, stem-and-leaf plots, and box-and-whiskers plots, using technology when appropriate.

Grade 10

Success Highways: Interdisciplinary Connections
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

GOAL WV.MA.S.5. Probability and Statistics: Data Analysis and Probability: Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them; select and use appropriate statistical methods to analyze data; develop and evaluate inferences and predictions that are based on models; and apply and demonstrate an understanding of basic concepts of probability through communication, representation, reasoning and proof, problem solving, and making connections within and beyond the field of mathematics.

OBJECTIVE PS.5.2. Students will create and interpret data using various methods of displaying circle graphs, histograms, and frequency curves, and make predictions about outliers.

Grade 10

Success Highways: Interdisciplinary Connections
Success Highways: Unit 01 - Destination Success
Success Highways: Unit 02 - Highway to Confidence
Success Highways: Unit 03 - Highway Connections
Success Highways: Unit 04 - Highway Roadblocks - Managing Stress
Success Highways: Unit 05 - Highway to Well-being
Success Highways: Unit 06 - Highway to Motivation
Success Highways: Unit 07 - Creating a Success Highways Itinerary

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

OBJECTIVE PS.5.6. Students will interpret and calculate measures of central tendency (mean, median, and mode) from data presented in a variety of forms such as charts, tables, and graphs or from data created through experimentation.
Grade 10
Success Highways: Interdisciplinary Connections
Success Highways: Unit 01 - Destination Success

West Virginia Standards - Science - Grade 10

GOAL WV.SC.S.1. History and the Nature of Science: Students will demonstrate an understanding of the history of science and the evolvement of scientific knowledge; demonstrate an understanding of science as a human endeavor encompassing the contributions of diverse cultures and scientists; and demonstrate an understanding of the nature of science.

OBJECTIVE SC.10.1.4. Students will conclude that science is a blend of creativity, logic and mathematics.
Grade 10
Success Highways: Interdisciplinary Connections

OBJECTIVE SC.10.1.5. Students will trace the development of key historical concepts and principles describing their impact on modern thought and life by identifying the scientist's contributions.
Grade 10
Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.2. Science as Inquiry: Students will demonstrate the abilities necessary to do scientific inquiry; demonstrate understanding about scientific inquiry; and demonstrate the ability to think and act as scientists by engaging in active inquiries, investigations and hands-on activities a minimum of 50% of the instructional time.

OBJECTIVE SC.10.2.3. Students will apply scientific approaches to seek solutions for personal and societal issues.
Grade 10
Success Highways: Interdisciplinary Connections

OBJECTIVE SC.10.2.5. Students will conduct explorations in a variety of environments (e.g., laboratories, museums, libraries, parks and other outdoors locations).
Grade 10
Success Highways: Interdisciplinary Connections

OBJECTIVE SC.10.2.6. Students will use appropriate technology solutions (e.g., computer, CBL, probe interfaces, software) to measure and collect data; interpret data;

Scholarcentric – Success Highways Correlation to West Virginia Standards (Grades 7 – 10)

analyze and-or report data; interact with simulations; conduct research; and present and communicate conclusions.

Grade 10

Success Highways: Interdisciplinary Connections

OBJECTIVE SC.10.2.7. Students will demonstrate science processes within a problem solving setting (e.g., observing, measuring, calculating, communicating, comparing, ordering, categorizing, classifying, relating, hypothesizing, predicting, inferring, considering alternatives, and applying).

Grade 10

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.5. Scientific Design and Application: Students will demonstrate an understanding of the interdependence between science and technology; demonstrate the ability to distinguish between natural and man-made objects; demonstrate abilities of technological design; and demonstrate the ability to utilize technology to gather data and communicate designs, results and conclusions.

OBJECTIVE SC.10.5.4. Students will utilize technology to communicate designs, results and conclusions.

Grade 10

Success Highways: Interdisciplinary Connections

GOAL WV.SC.S.6. Science in Personal and Social Perspectives: Students will demonstrate the ability to evaluate personal and societal benefits when examining health, population, resource and environmental issues; demonstrate the ability to evaluate the impact of different points of view on health, population, resource and environmental practices; predict the long-term societal impact of specific health, population, resource and environmental practices; and demonstrate an understanding of public policy decisions as related to health, population, resource and environmental issues.

OBJECTIVE SC.10.6.4. Students will explore occupational opportunities in science and technology including the academic preparation necessary.

Grade 10

Success Highways: Interdisciplinary Connections